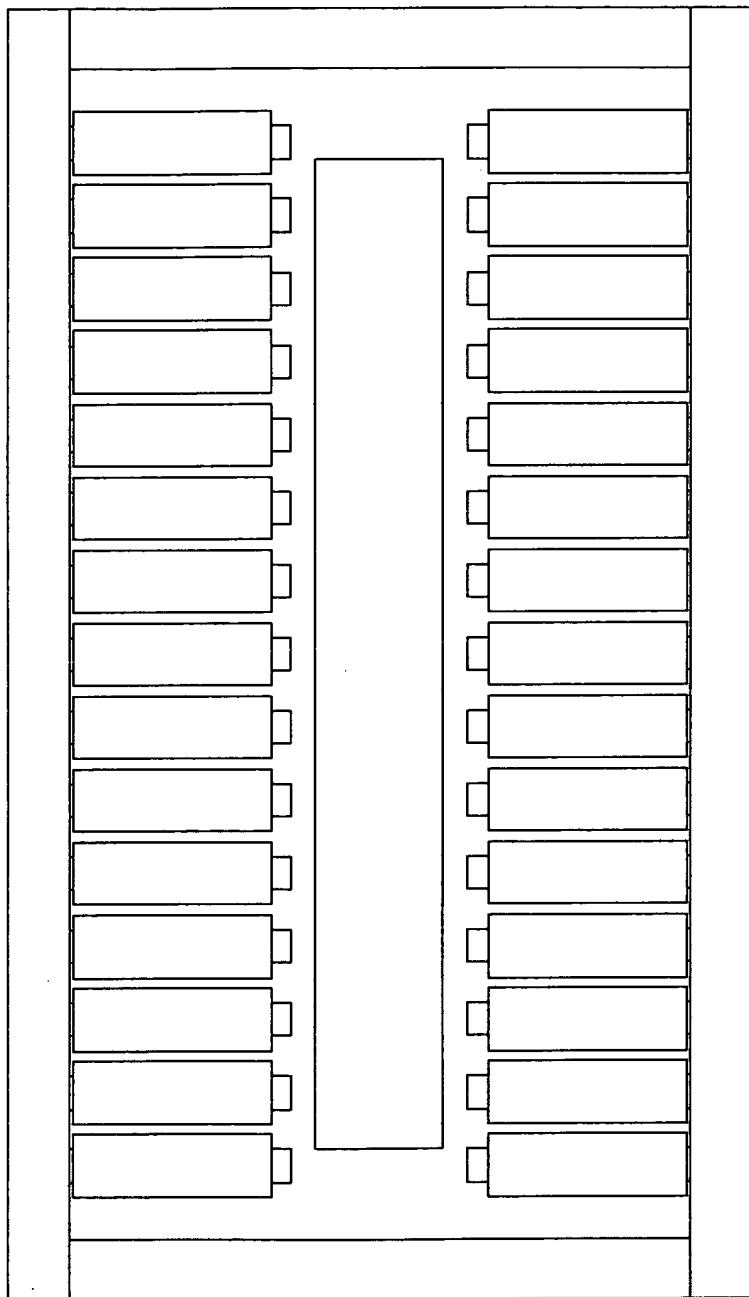




Fig 1 (Prior Art)



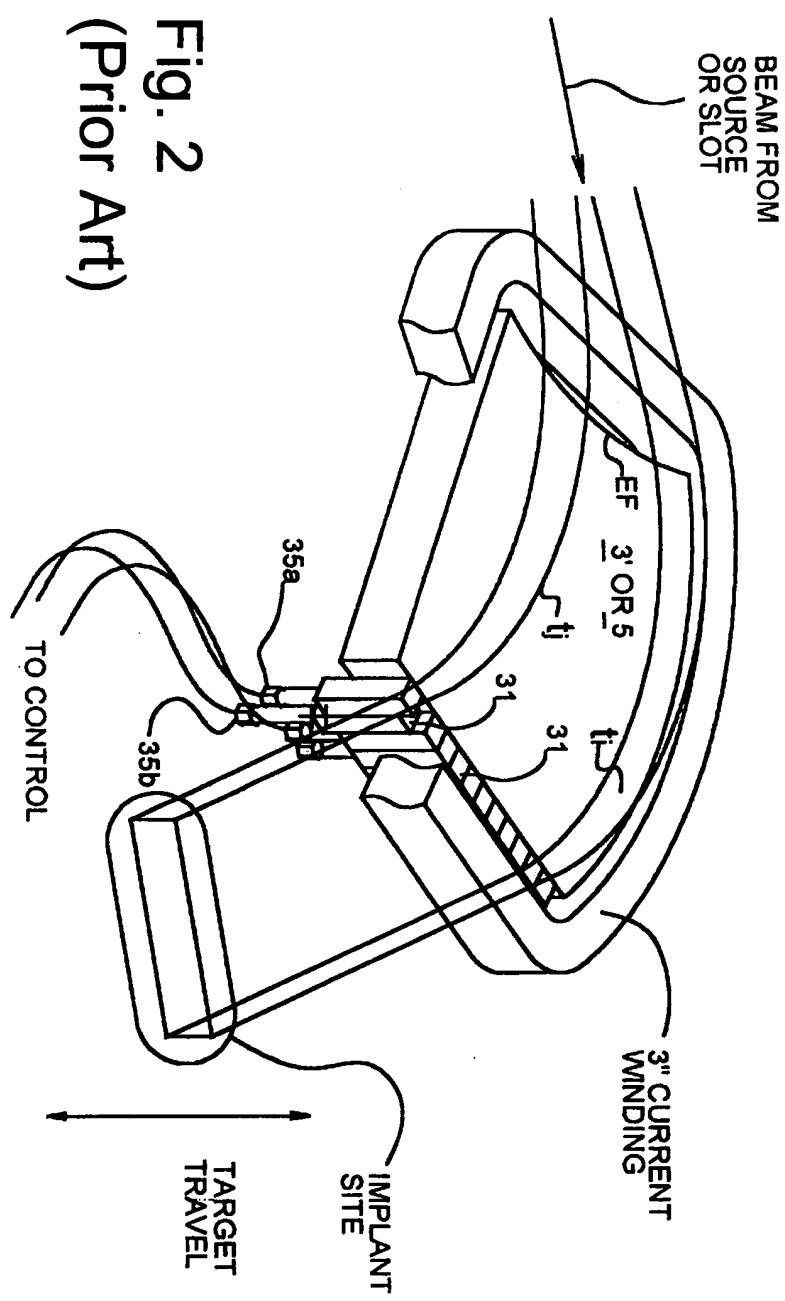
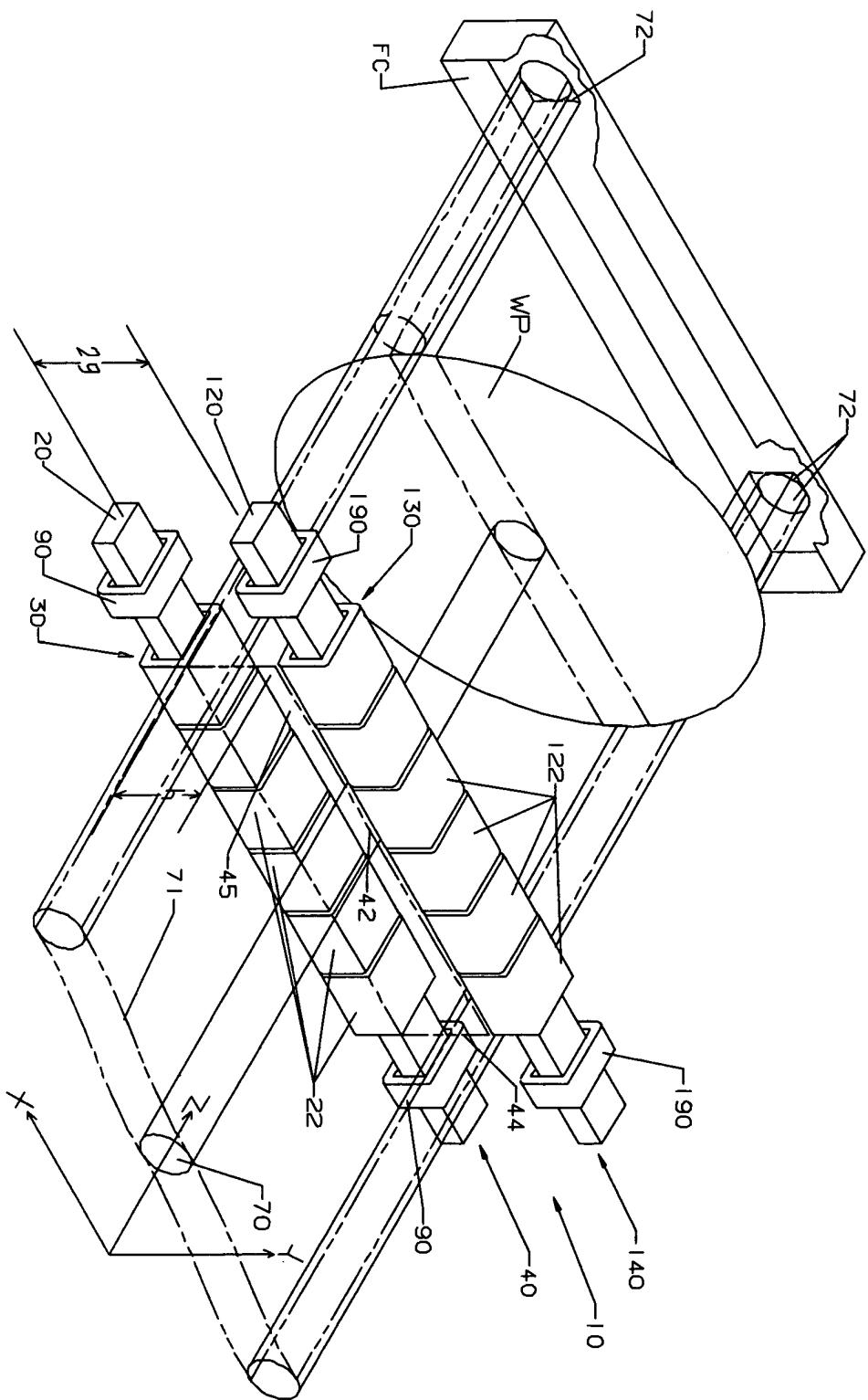


Fig. 2  
(Prior Art)

Fig 3



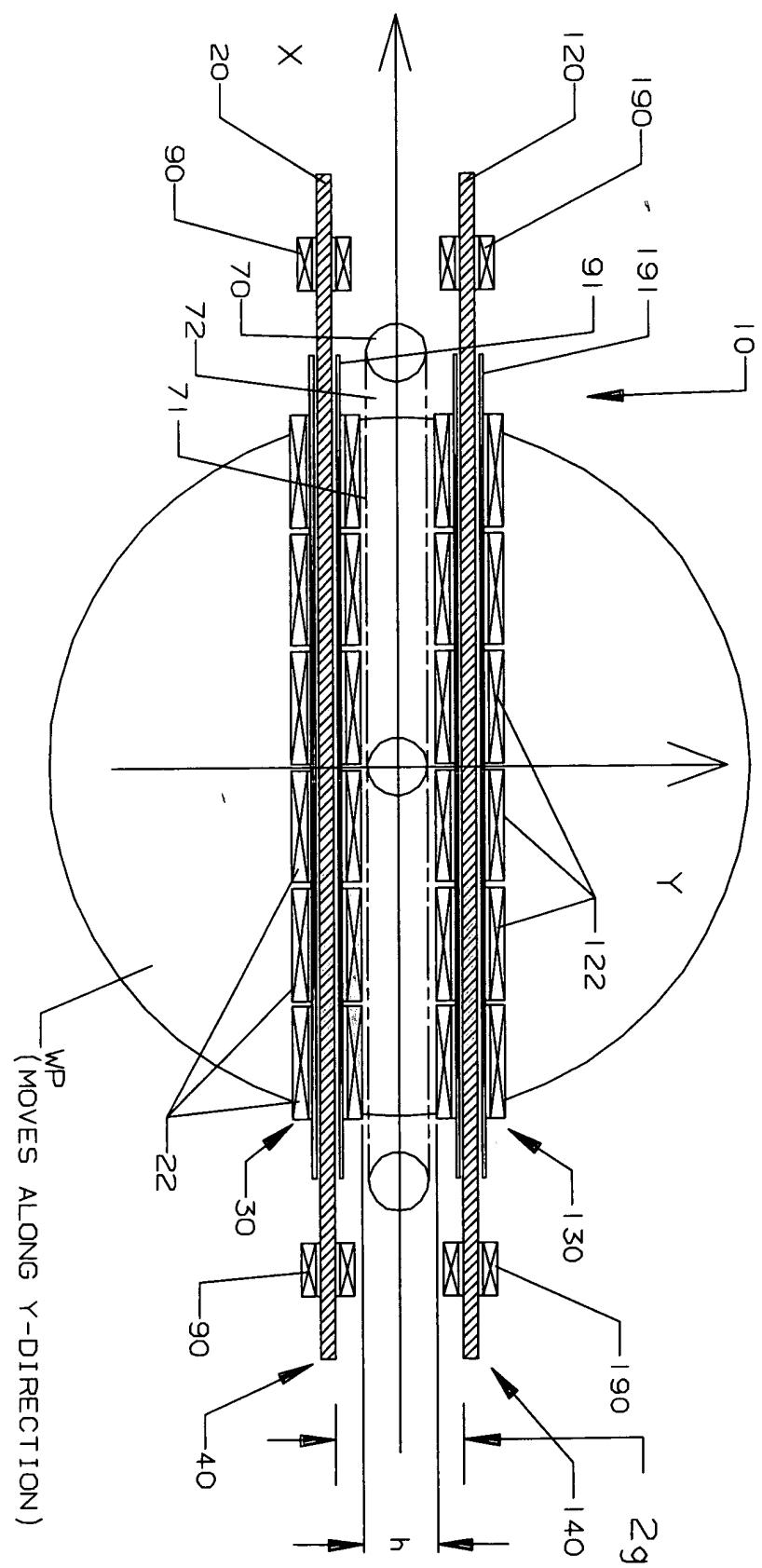


Fig 4

First and eighth coils have current flowing, in opposite directions

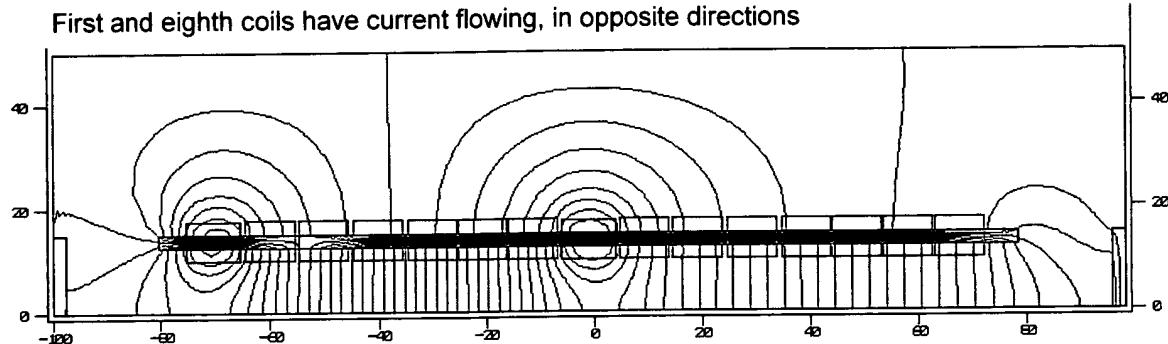


Fig 5

Relationship between Coil Current, Field, and Field Gradient

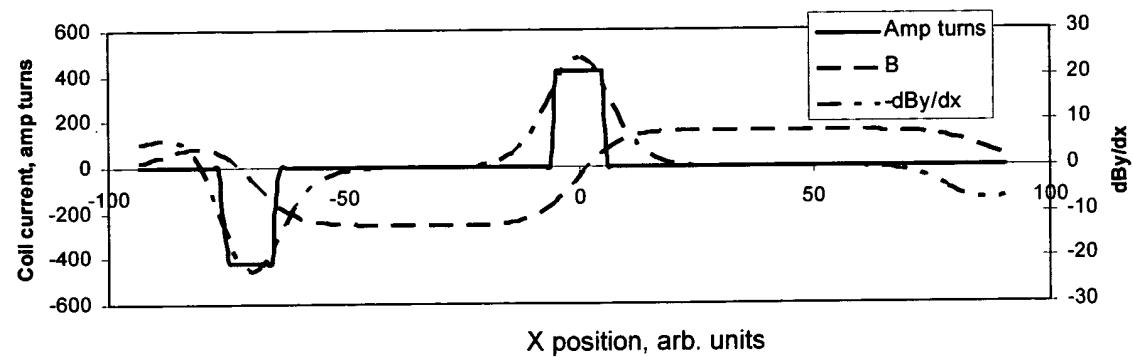
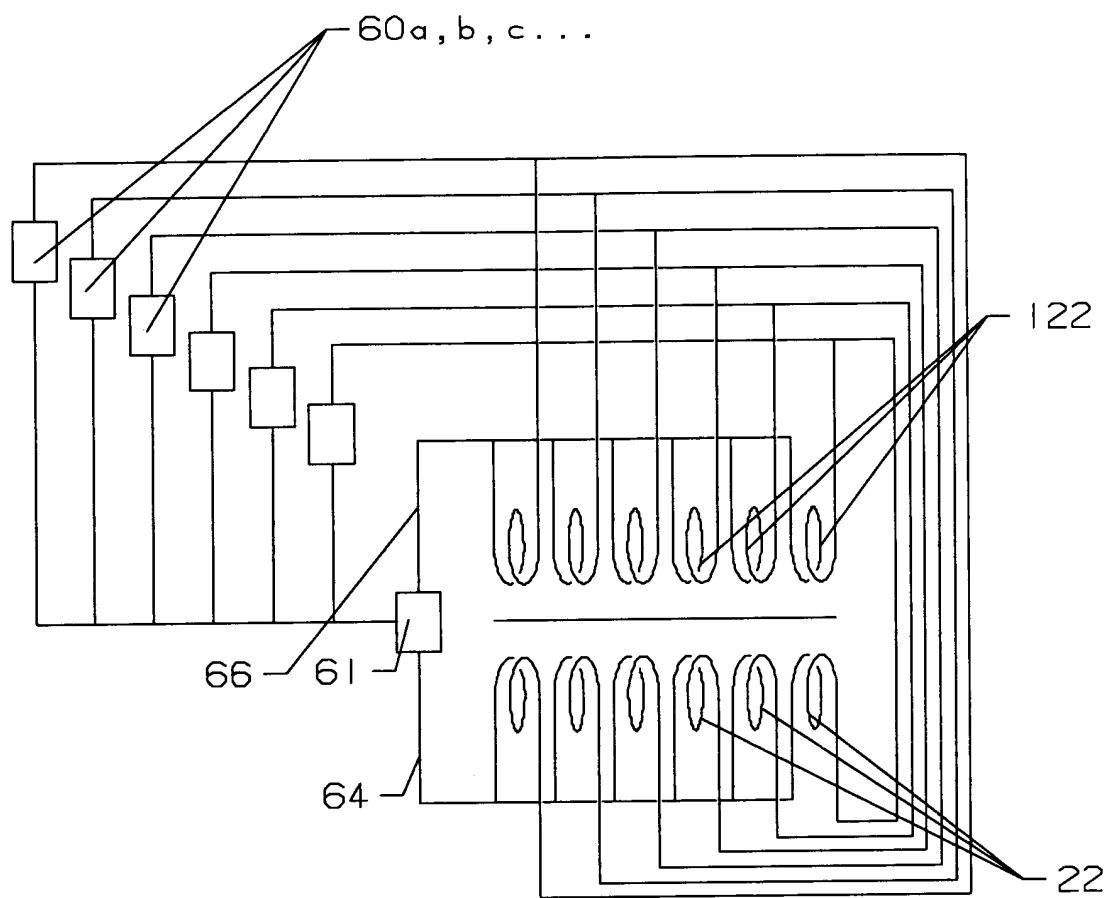


Fig 6



**Fig. 7**

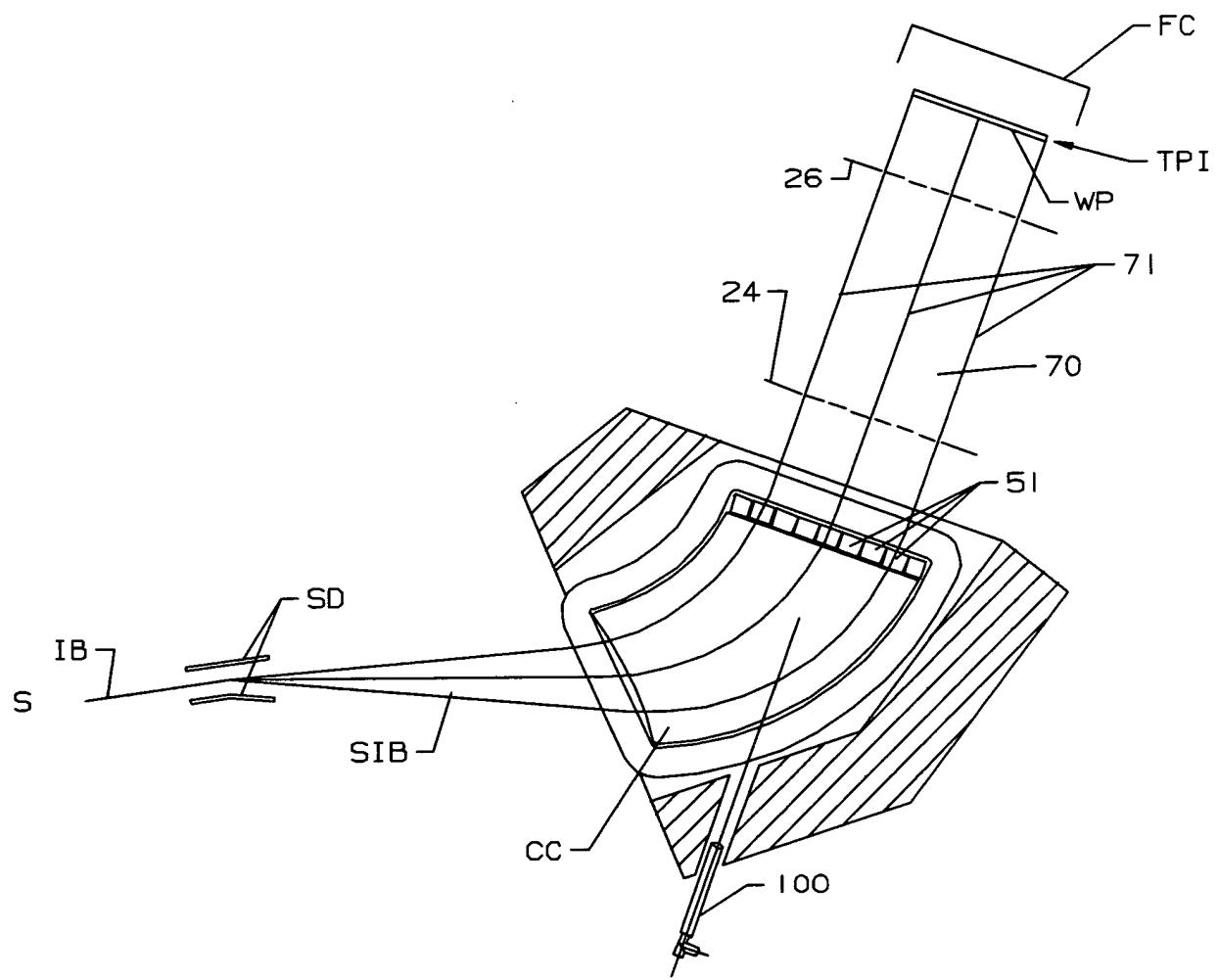


Fig. 8

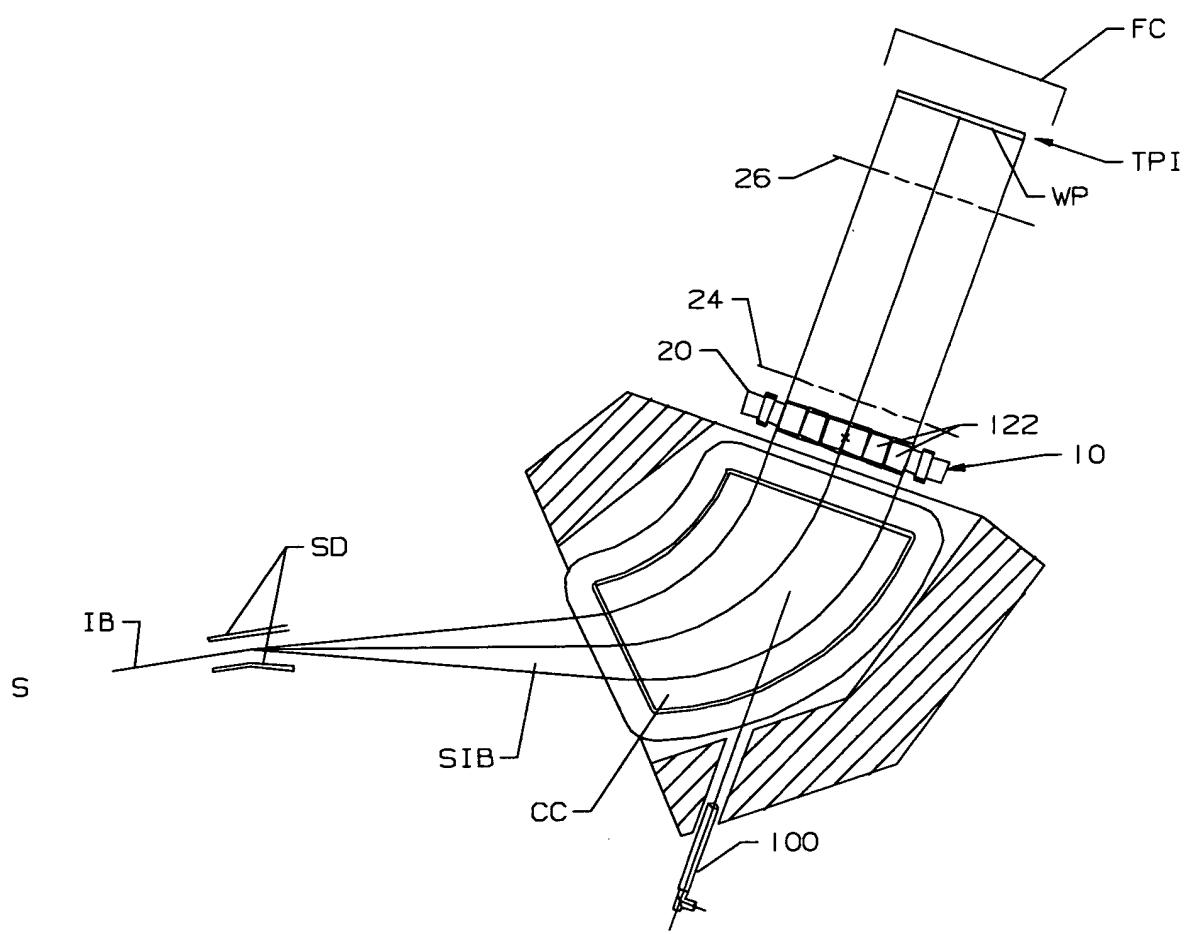


Fig. 9

Fig. 10

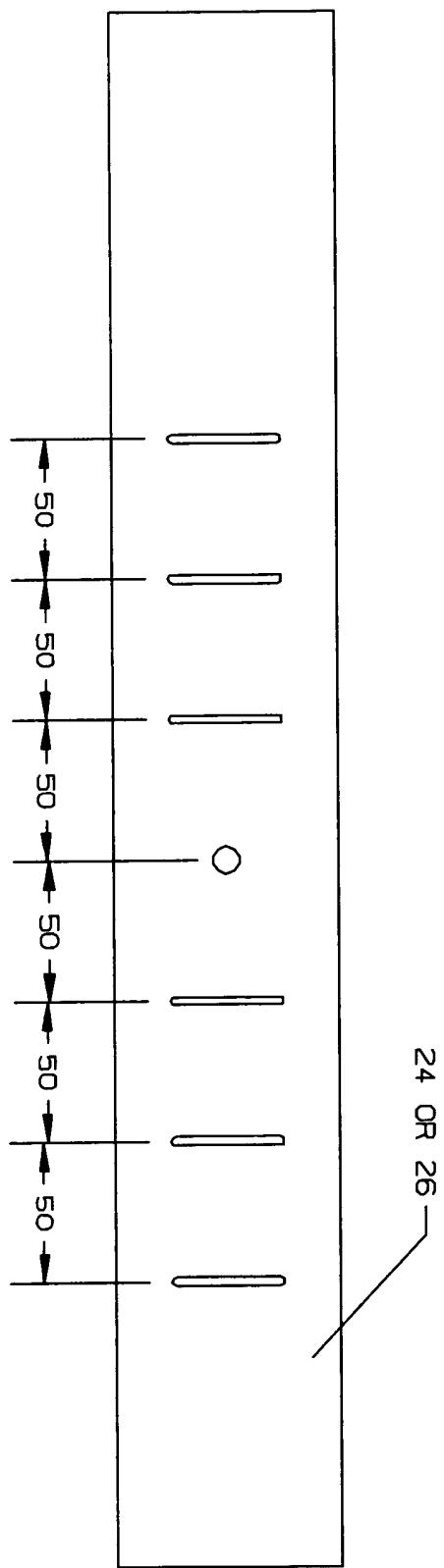


Fig 11A

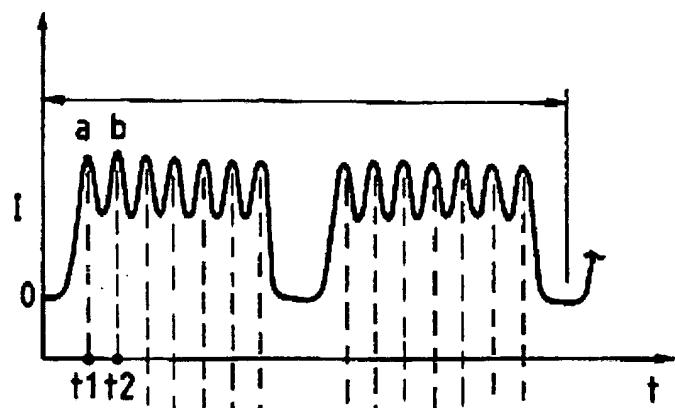
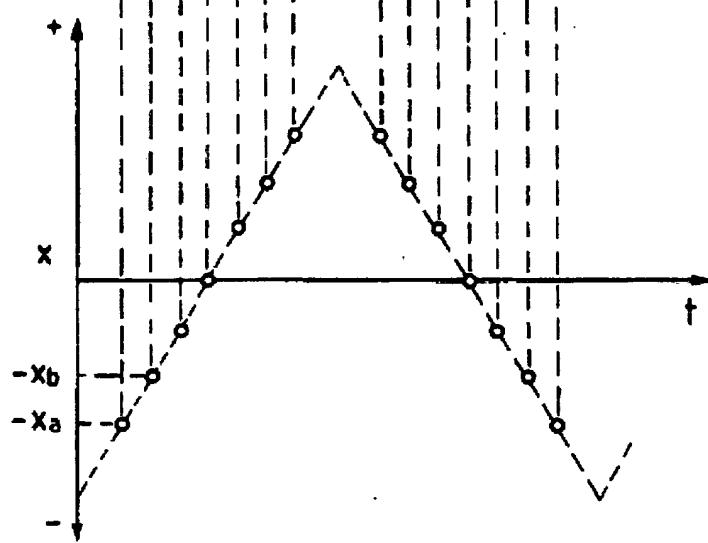
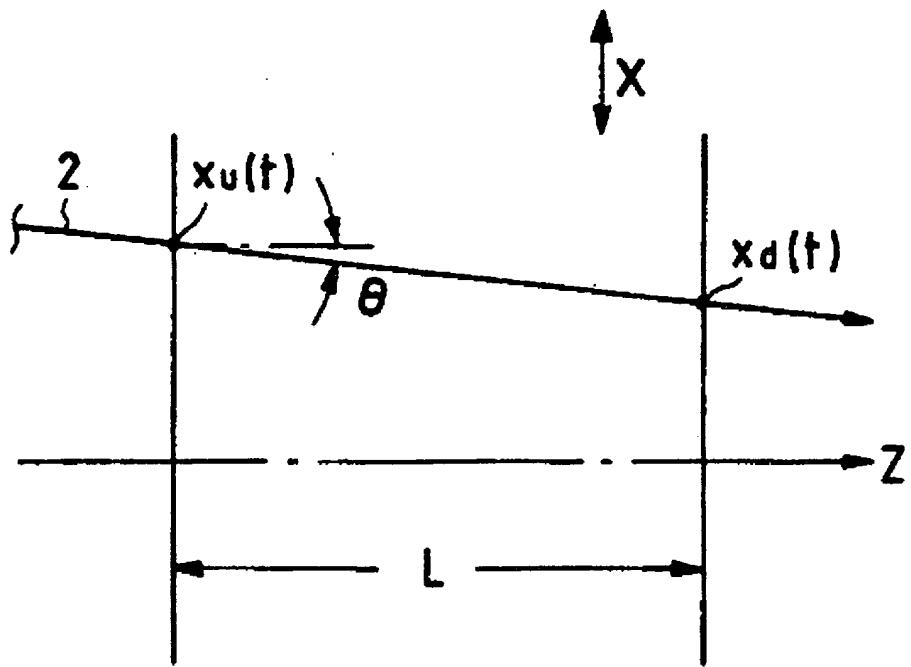


Fig 11B





24

26

Fig. 12

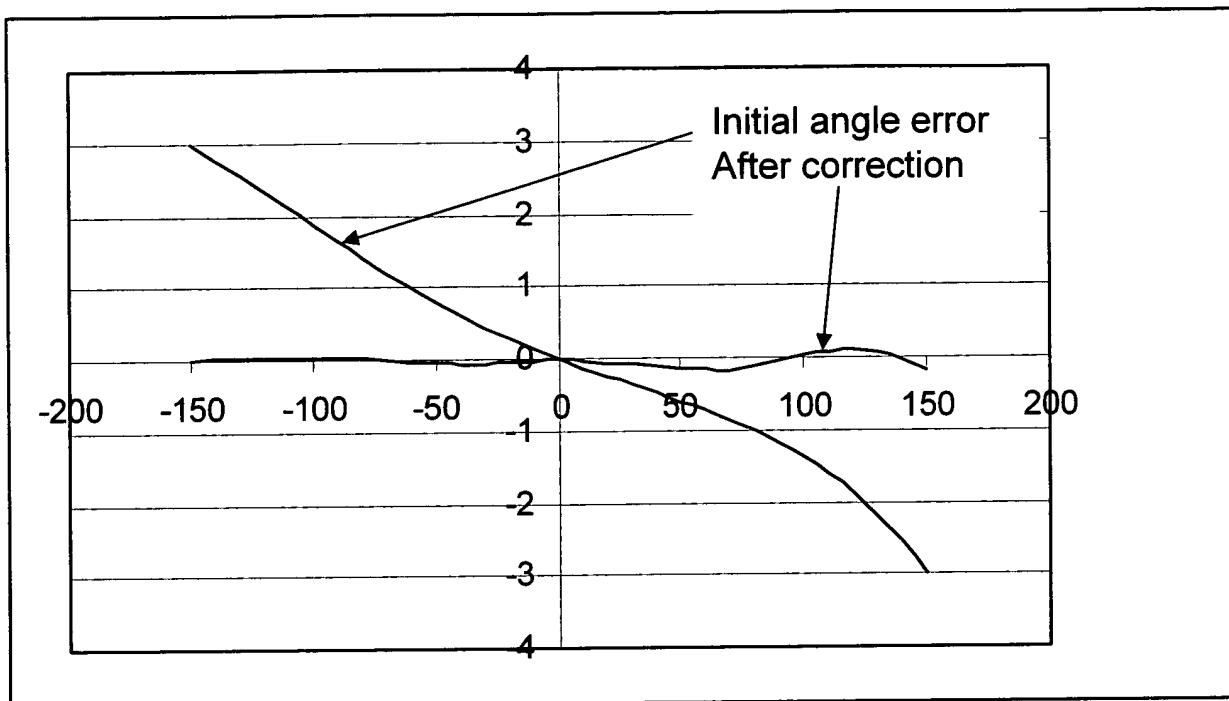


Fig. 13

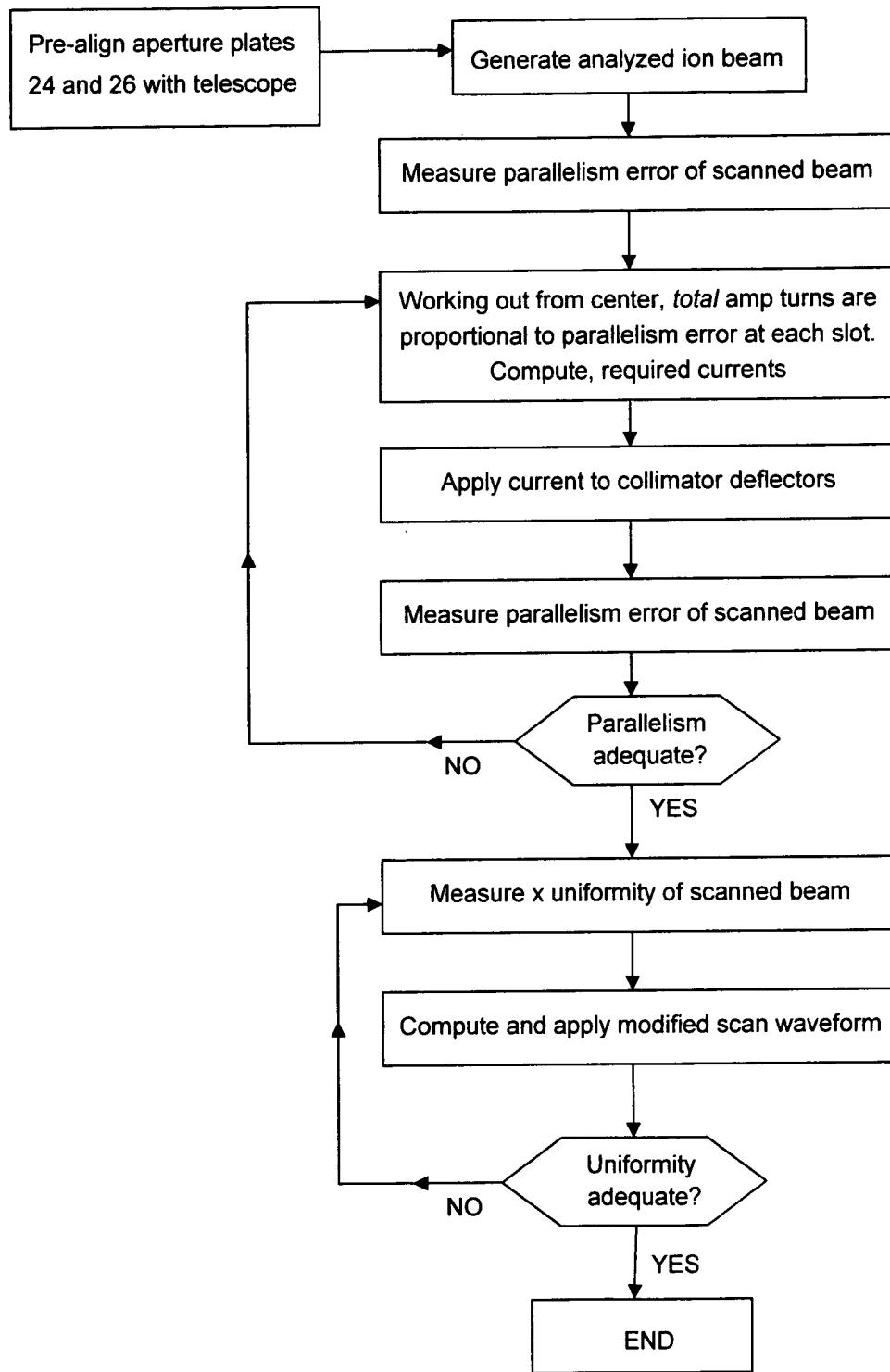


Fig 14

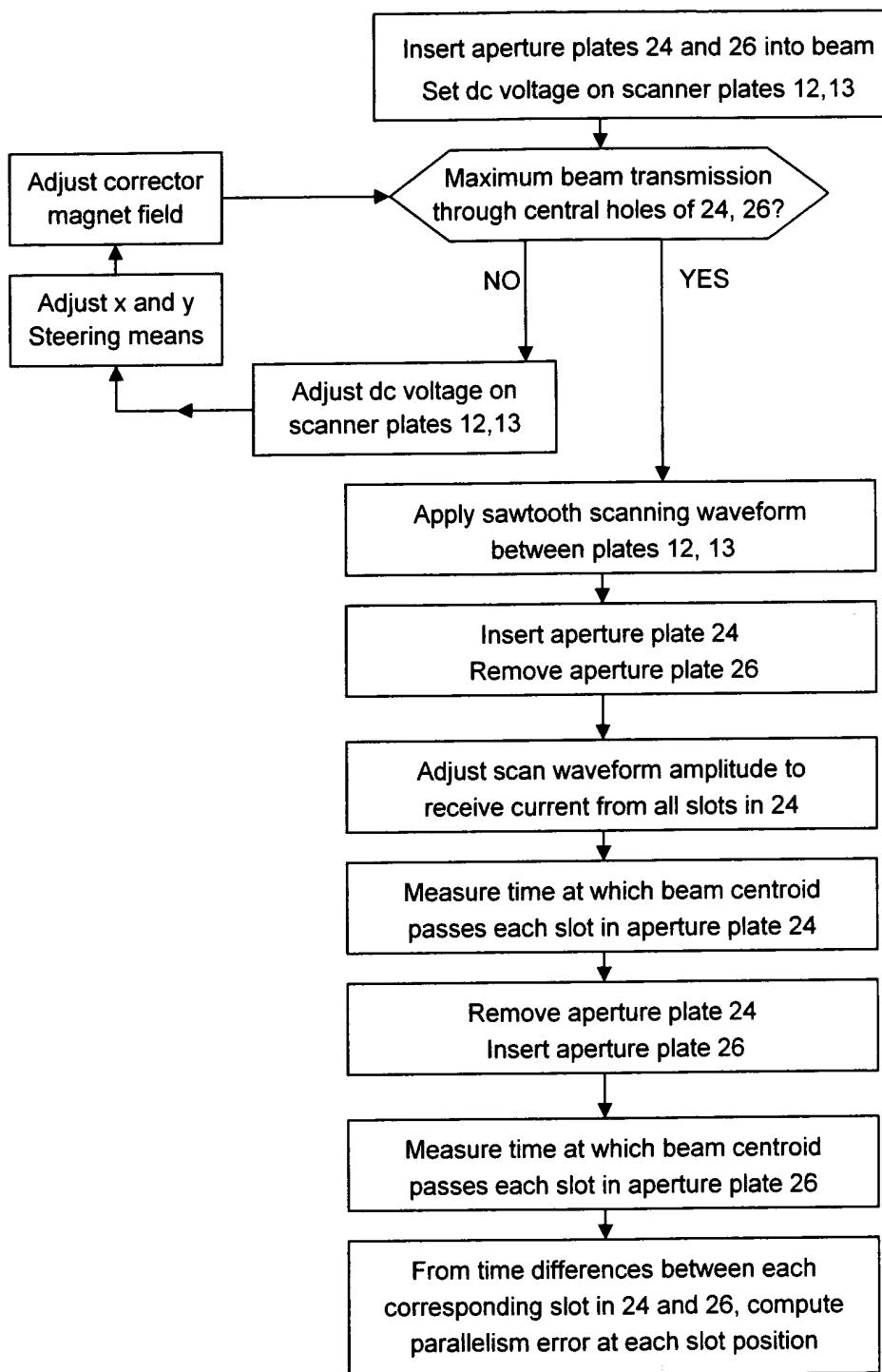


Fig 15